

JEB BUSH GOVERNOR 605 Suwannee Street Tallahassee, Florida 32399-0450 April 12, 1999

THOMAS F. BARRY, JR. SECRETARY

THIS MEMO IS EXPIRED

MEMORANDUMNO. 11-99

TO:

DISTRICT CONSTRUCTION ENGINEERS

FROM:

Gree X anders, State Construction Engineer

**COPIES:** 

Charles Goodman

**SUBJECT:** 

**ROADWAY AND TRAFFIC DESIGN STANDARDS INDEX 435** 

**QUADGUARD BAY SELECTION GUIDELINES** 

A copy of a memo from Billy Hattaway regarding the above subject is attached for your review and transmittal to field personnel.

If you have any questions, please contact John Grant at 850-414-4334.

GX/wc

Attachments



**JEB BUSH GOVERNOR** 

605 Suwannee Street Tallahassee, FL 32399-0450 THOMAS F. BARRY, JR. SECRETARY

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MS-32

**DATE:** 

April 2, 1999

TO:

Greg Xanders, PE

State Construction Engineer

FROM:

State Roadway Design Engineer

\*\*Total Control of Contr

CC:

Jim Mills, John Grant

**SUBJECT:** 

Roadway and Traffic Design Standards Index 435

QuadGuard Bay Selection Guidelines

Energy Absorption Systems, Inc., manufacturer of the QuadGuard crash cushion, has provided this office with information supporting a revision to the Bay Selection Guidelines provided in Index 435, Sheet 1 of 6. We have approved this revision and have developed a revised table of guidelines as shown on the attached. This revised table will be included in the 2000 Roadway and Traffic Design Standards scheduled for implementation beginning with the July, 2000 letting. For projects let prior to the July, 2000 letting, the manufacturer may request the Department to use the revised Bay Selection Guidelines table in lieu of that shown in the 1998 Roadway and Traffic Design Standards. We recommend your field Construction Personnel allow this change at no change in cost to the Department.

If you have any questions regarding the above, please contact John Grant, 850-414-4334.

Attachment

## QuadGuard

Roadway and Traffic Design Standards Index 435 Revised Bay Selection Guidelines April 2, 1999

Bay Selection Guidelines				
Speed km/h (mph)	No. of Bays	Number of Cartridges		Length
		Type I (Front)	Type II (Rear)	(m)
≤ <b>60 (≤40)</b>	2	2	1	2.64
70 (45)	3	3	1	3.56
80 (50)	4	3	2	4.47
90 (55)	5	4	2	5.38
100 (60)	6	4	3	6.30
110 (65)	7	4	4	7.23
110 (70)	9	4	6	9.04